

Accepted Manuscript

Multi-stage optimization of decision and inhibitory trees for decision tables with many-valued decisions

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PII: S0377-2217(17)30565-9
DOI: [10.1016/j.ejor.2017.06.026](https://doi.org/10.1016/j.ejor.2017.06.026)
Reference: EOR 14508



To appear in: *European Journal of Operational Research*

Received date: 28 June 2016
Revised date: 6 June 2017
Accepted date: 7 June 2017

Please cite this article as: Mohammad Azad, Mikhail Moshkov, Multi-stage optimization of decision and inhibitory trees for decision tables with many-valued decisions, *European Journal of Operational Research* (2017), doi: [10.1016/j.ejor.2017.06.026](https://doi.org/10.1016/j.ejor.2017.06.026)

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Highlights

- The notion of strictly optimal decision tree is introduced.
- Results of decision tree optimization are clarified based on this notion.
- The optimization technique is extended to the case of inhibitory trees.
- Tools for the study of totally optimal trees are created.
- The existence of totally optimal trees is proven for many decision tables.

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